



# Illinois Environmental Protection Agency

217/782-6760

Refer to: Cook County - Land Pollution Control - Matteson/Sexton Project I-57

Permit No. 1975-61 OP (Revised)

September 20, 1977

US EPA RECORDS CENTER REGION 5



414126

John Sexton Contractors Company  
900 Jorie Boulevard  
Oak Brook, Illinois 60521

**RECEIVED**

SEP 26 1977

ILL. E.P.A. - D.L.P.C.  
STATE OF ILLINOIS

Gentlemen:

Permit is hereby granted to John Sexton Contractors Co. to operate a solid waste disposal site consisting of 84.90 acres, more or less, in that portion of the West Half of the Southwest Quarter of Section 28, Township 35 North, Range 13 East of the Third Principal Meridian, lying West of the West right-of-way line of Interstate Route 57, to handle general solid waste, excluding all hazardous, liquid and special wastes all in accordance with the application and plans prepared by Richard W. Eldredge, P.E.: Said application consisting of 91 pages dated August 8, 1975, and received by the Environmental Protection Agency on August 11, 1975; said plans consisting of 12 pages dated May 19, 1975, and received August 11, 1975.

The permit is issued subject to the standard conditions set forth on page 3, attached hereto and incorporated herein by reference, and further subject to the following special conditions:

1. Excavations shall not be lower than 700' elevation shown on the plans and cross sections.
2. When areas of soils with permeabilities greater than the in-place clays are encountered, or approached during excavation, they shall be removed and replaced with compacted clay in such a manner that an uninterrupted minimum thickness of 10 feet of clay is present in both side walls and bottom of the excavation.
3. The berming and landscaping on the eastern property line of the site, as described in the application for permit shall be carried out. In all other respects Rule 314(h)\* is waived to the extent that during the life of the site, certain operations need not be completely concealed from the view of persons traveling on U.S. Route I-57.

4. In dewatering the site, precautions shall be taken to insure that properties adjacent to the site are minimally affected relative to existing flora and fauna.

5. Site surface drainage, during development, during operation and after the site is closed, shall be such that no adverse effects are encountered by adjacent property owners relative to their existing drainageways.

6. The best available technology (mufflers, berms and other noise shielding devices) shall be employed so as to preclude a noise pollution violation on adjacent property.

7. Monitoring. Four monitoring wells, as indicated below, shall be installed to monitor ground water in the upper sand lense.

<u>Plan Designation</u>	<u>Agency Numbers</u>	<u>Well Depth, ft.</u>	<u>Screen Interval, ft.</u>
B-1	G101	50	44-49
B-2	G102	43	38-42
B-3	G103	35	28-34
B-8	G108	20	10-17

Background samples shall be analyzed for parameters as shown on the four enclosed Chemical Analyses Forms. Results of the analysis shall be submitted to the Agency by December 15, 1977.

Please match the Agency assigned numbers on the forms to corresponding well numbers. Also, complete the applicable parts on the left side of the forms.

For quarterly monitoring, water samples from the four monitoring wells shall be taken and analyzed for ammonia, boron, iron, R.O.E. (TDS), and COD. Results shall be submitted to the Agency on or by January 15, April 15, July 15, and October 15.

Sincerely,



Thomas E. Cavanagh, Jr., Manager  
Land Permit Section  
Division of Land/Noise Pollution Control

TEC:mat/913,1-2

cc: Northern Region ✓  
Cook County Health Department  
ISGS  
Richard W. Eldredge, P.E.

Enclosures (4)

\*State of Illinois, Environmental Protection Agency, Solid Waste Rules and Regulations.